

We claim:

1. A composition for preventing, removing or reducing the formation of lipid deposits on a medical device comprising:

two nonionic surfactants having HLBs greater than about 18 with said nonionic surfactant having a greater HLB present in an amount about twice that of said nonionic surfactant having a lower HLB.

2. A composition for preventing, removing or reducing the formation of lipid deposits on a medical device comprising:

two nonionic surfactants having equal HLBs greater than about 18 with said nonionic surfactant having a greater average molecular weight present in an amount about twice that of said nonionic surfactant having a lower average molecular weight.

3. A composition for treating lipid deposits on a medical device comprising:

two nonionic surfactants having HLBs greater than about 18 with said nonionic surfactant having a greater HLB present in an amount about twice that of said surfactant having a lower HLB, wherein said surfactants are present in an effective amount for removing, reducing or preventing lipid deposits on said medical device.

4. A composition for preventing, removing or reducing the formation of lipid deposits on a medical device comprising:

poloxamine and poloxamer surfactants having HLBs greater than about 18 with said poloxamine surfactant present in an amount about twice that of said poloxamer surfactant.

5. The composition of claim 1, 2, 3 or 4 wherein said medical device is a contact lens.

6. The composition of claim 1, 2 or 3 wherein said two nonionic surfactants are nonionic polyether surfactants

7. The composition of claim 1, 2 or 3 wherein said two nonionic surfactants are selected from the group consisting of Pluronic F38TM, Pluronic F68TM, Pluronic 68LFTM, Pluronic F77TM, Pluronic F87TM, Pluronic F88TM, Pluronic F98TM, Pluronic F108TM, Pluronic F127TM, Pluronic L35TM, Tetronic 707TM, Tetronic 908TM, Tetronic 909TM, Tetronic 1107TM, Tetronic 1307TM, and Tetronic 1508TM.

8. The composition of claim 4 wherein said poloxamine and poloxamer surfactants are selected from the group consisting of Pluronic F38TM, Pluronic F68TM, Pluronic 68LFTM, Pluronic F77TM, Pluronic F87TM, Pluronic F88TM, Pluronic F98TM, Pluronic F108TM, Pluronic F127TM, Pluronic L35TM, Tetronic 707TM, Tetronic 908TM, Tetronic 909TM, Tetronic 1107TM, Tetronic 1307TM, and Tetronic 1508TM.

9. The composition of claim 1, 2, 3 or 4 wherein the composition further comprises at least one member selected from the group consisting of a buffering agent, a chelating agent, an osmolality adjusting agent, and a surfactant.

10. The composition of claim 1, 2, 3 or 4 wherein the composition further comprises one or more antimicrobial agents present in an amount effective to disinfect a medical device or preserve a solution.

11. The composition of claim 1, 2 or 3 wherein the composition comprises about 0.1 to about 6.0 weight percent of said two nonionic surfactants and about 0.05 to about 0.5 weight percent of an antimicrobial agent.

12. The composition of claim 4 wherein the composition comprises about 0.1 to about 6.0 weight percent of said poloxamine and poloxamer surfactants and about 0.05 to about 0.5 weight percent of an antimicrobial agent.
13. The composition of claim 1, 2, 3 or 4 wherein the composition further comprises a chelating agent and a buffering agent selected from the group consisting borate buffers, phosphate buffers and citrate buffers.
14. A method of preventing or reducing deposition of lipids on a contact lens while worn on an eye comprising:
- soaking prior to placement on an eye said contact lens in an aqueous composition with two nonionic surfactants having a HLB greater than about 18, with the nonionic surfactant having a greater HLB present in an amount about twice that of the nonionic surfactant having a lower HLB, and in an amount effective to prevent or reduce deposition of lipids on said lens while worn on an eye.

15. A method of preventing or reducing deposition of lipids on a contact lens while worn on an eye comprising:

soaking prior to placement on an eye said contact lens in an aqueous composition with two nonionic surfactants having equal HLBs greater than about 18 with the nonionic polyether surfactant having a greater average molecular weight present in an amount about twice that of the nonionic polyether surfactant having a lower average molecular weight, and in an amount effective to prevent or reduce deposition of lipids on said lens while worn on an eye.

16. A method of preventing or reducing deposition of lipids on a contact lens while worn on an eye comprising:

instilling in an eye an aqueous composition with two nonionic surfactants having HLBs greater than about 18 with the nonionic surfactant having a greater HLB present in an amount about twice that of the nonionic surfactant having a lower HLB, and in an amount effective to prevent or reduce deposition of lipids on a contact lens worn in said eye.

17. A method of preventing or reducing deposition of lipids on a contact lens while worn on an eye comprising:

instilling in an eye an aqueous composition with two nonionic surfactants having equal HLBs greater than about 18 with the nonionic surfactant having a greater average molecular weight present in an amount about twice that of the nonionic surfactant having a lower average molecular weight, and in an amount effective to prevent or reduce deposition of lipids on a contact lens worn in said eye.

18. A method of preventing, removing or reducing the amount of lipid deposits on a medical device comprising:

soaking a medical device in an aqueous composition with an effective amount of two nonionic surfactants having a HLB greater than about 18 with the nonionic surfactant having a greater HLB present in an amount about twice that of the nonionic surfactant having a lower HLB to prevent, remove or reduce the amount of lipid deposits on said medical device.

19. A method of preventing, removing or reducing the amount of lipid deposits on a medical device comprising:

soaking a medical device in an aqueous composition with an effective amount of two nonionic surfactants having equal HLBs greater than about 18 with the nonionic surfactant having a greater average molecular weight present in an amount about twice that of the nonionic surfactant having a lower average molecular weight to prevent, remove or reduce the amount of lipid deposits on said medical device.

20. A method of preventing, removing or reducing the amount of lipid deposits on a medical device comprising:

soaking a medical device in an aqueous composition with poloxamine and poloxamer surfactants having HLBs greater than about 18 with said poloxamine surfactant present in an amount about twice that of said poloxamer surfactant, and in an amount effective to prevent, remove or reduce the amount of lipid deposits from a medical device.

21. The method of claim 14, 15, 16, 17, 18, 19 or 20 wherein the aqueous composition includes at least one member selected from the group consisting of an antimicrobial agent, a buffering agent, a chelating agent, an osmolality adjusting agent, and a surfactant.

22. The method of claim 14, 15, 16, 17, 18, 19 or 20 wherein the aqueous composition includes an antimicrobial agent in an amount effective to disinfect a contact lens or preserve a solution.

23. The method of claim 14, 15, 16, 17, 18, 19 or 20 wherein the aqueous composition includes about 0.05 to about 0.5 weight percent of an antimicrobial agent.

24. The method of claim 14, 15, 16, 17, 18, 19 or 20 wherein the aqueous composition includes a chelating agent and a buffering agent selected from the group consisting borate buffers, phosphate buffers and citrate buffers.

25. A method of cleaning a contact lens comprising:
- soaking the contact lens in an aqueous composition including two nonionic surfactants having a HLB greater than about 18 with the nonionic polyether surfactant having a greater HLB present in an amount about twice that of the nonionic polyether surfactant having a lower HLB, in an amount effective to reduce or remove lipid deposits from surfaces of a contact lens.
26. The method of claim 25 wherein the lipid deposits are reduced or removed from surfaces of the contact lens without manual rubbing.
27. The method of claim 25 wherein the contact lens is rinsed with said aqueous composition prior to insertion directly into an eye.
28. The method of claim 25 wherein the aqueous composition includes an antimicrobial agent and the contact lens is disinfected while soaked in the aqueous composition.

29. The method of claim 25 wherein the aqueous composition includes an antimicrobial agent present in an amount effective to disinfect the contact lens.

30. The method of claim 14, 15, 16, 17, 18, 19, 20 or 25 wherein said surfactants are selected from the group consisting of Pluronic F38TM, Pluronic F68TM, Pluronic 68LFTM, Pluronic F77TM, Pluronic F87TM, Pluronic F88TM, Pluronic F98TM, Pluronic F108TM, Pluronic F127TM, Pluronic L35TM, Tetronic 707TM, Tetronic 908TM, Tetronic 909TM, Tetronic 1107TM, Tetronic 1307TM, and Tetronic 1508TM.